



FIG. 2

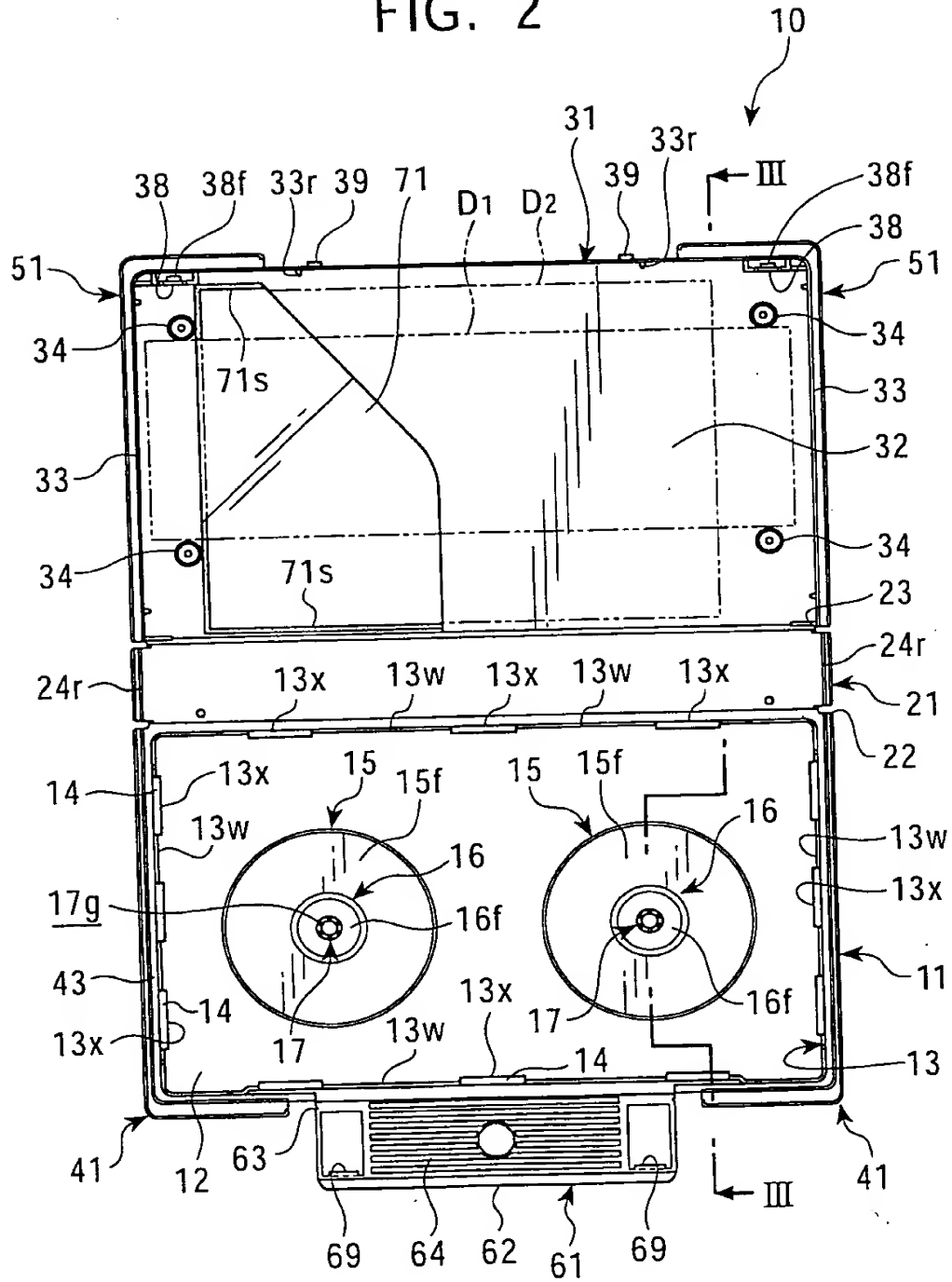


FIG. 4

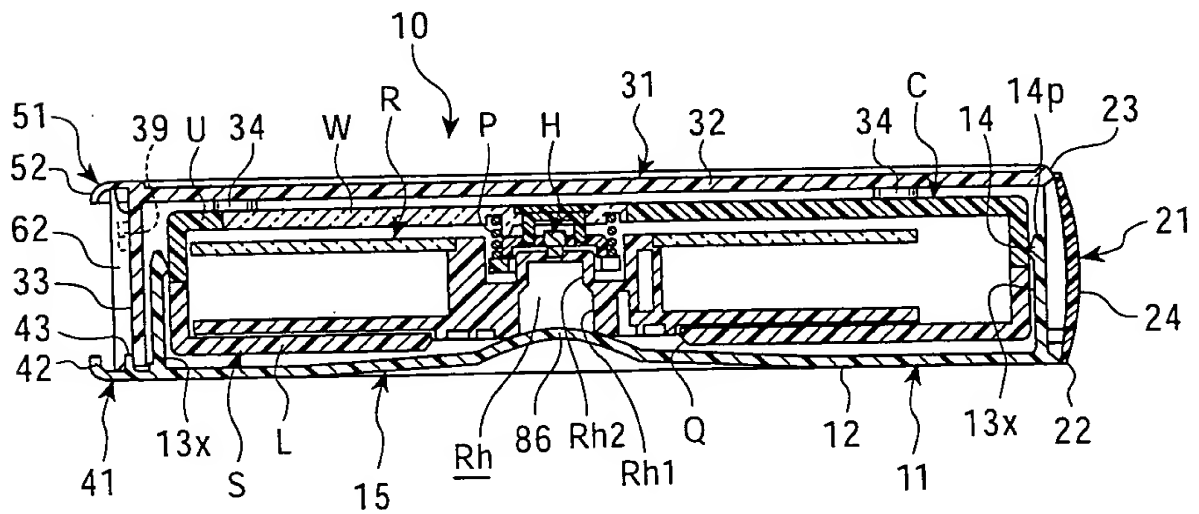


FIG. 5A

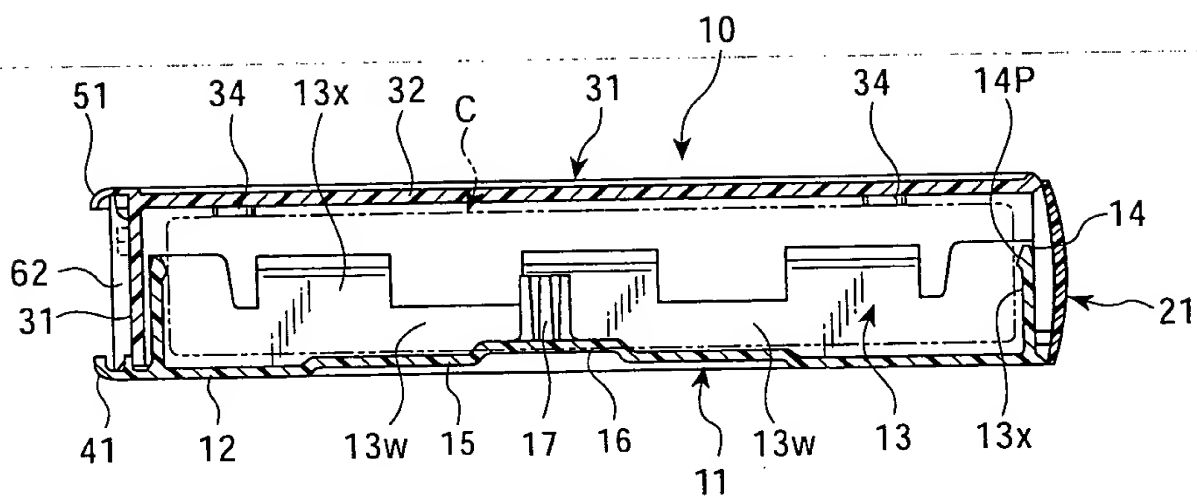


FIG. 5B

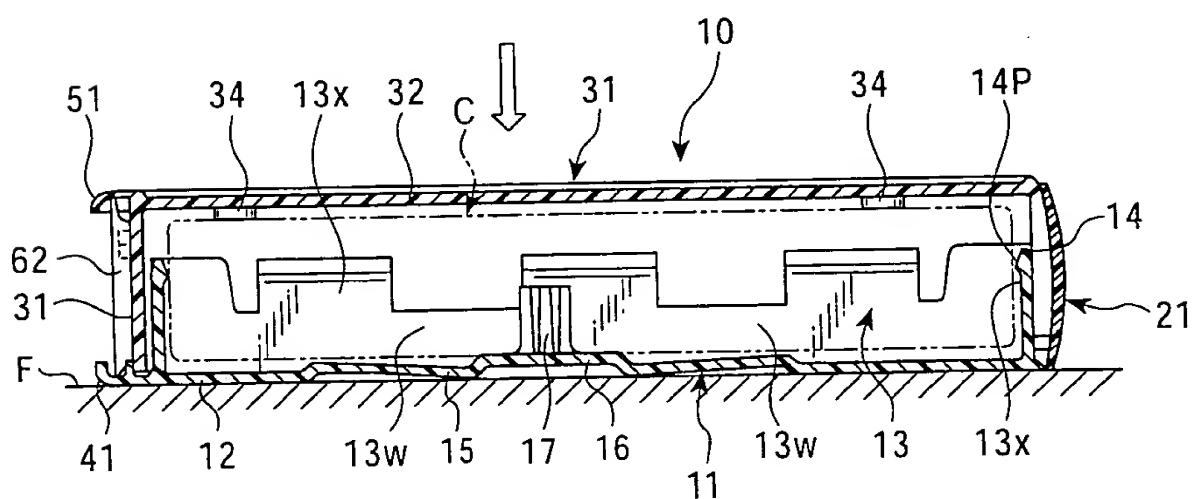


FIG. 6B

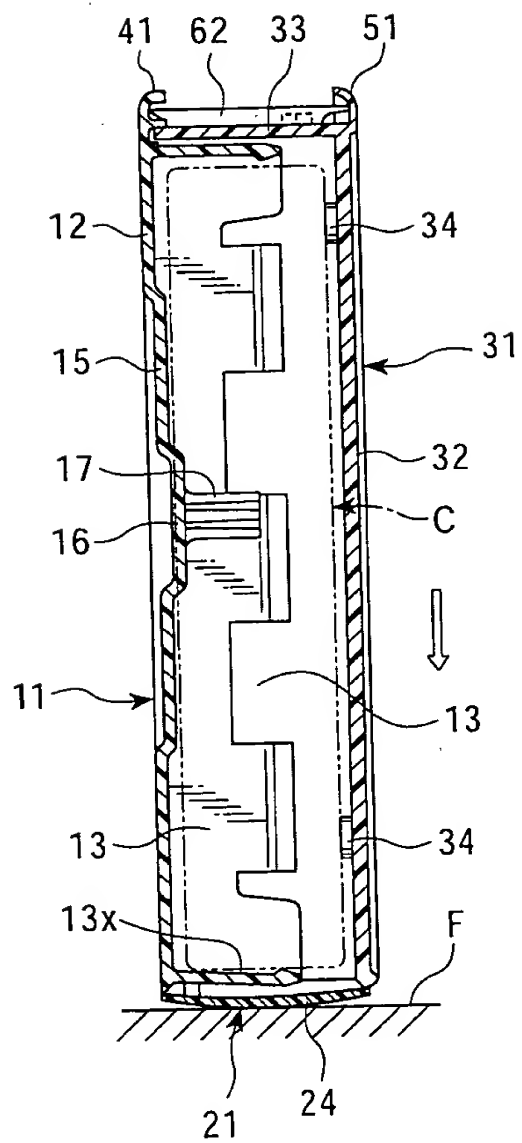


FIG. 7

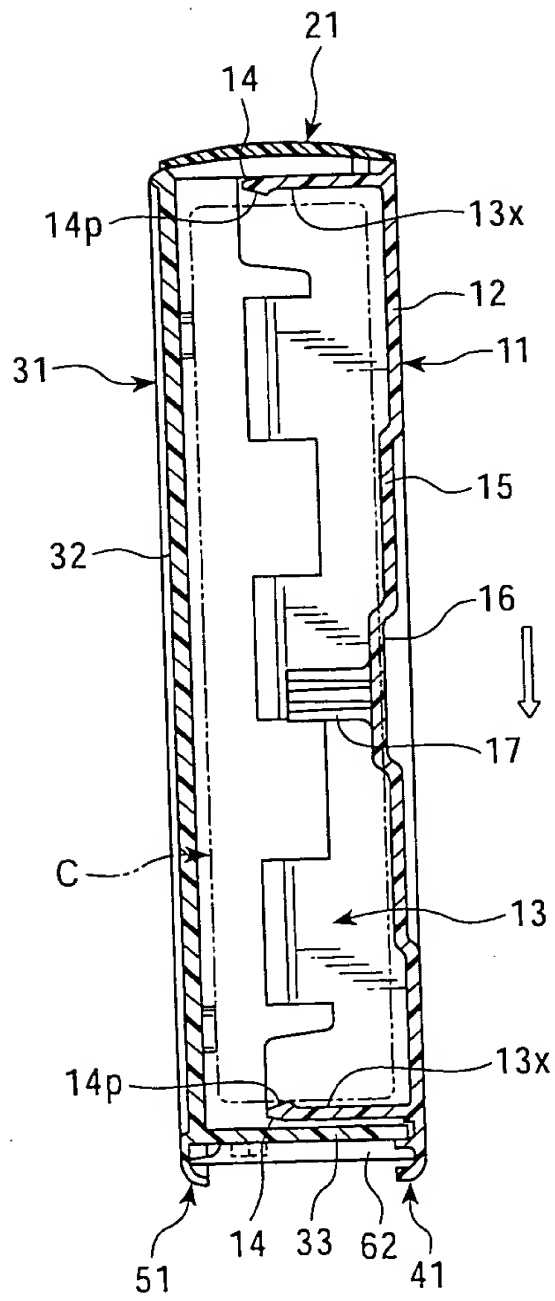


FIG. 8A

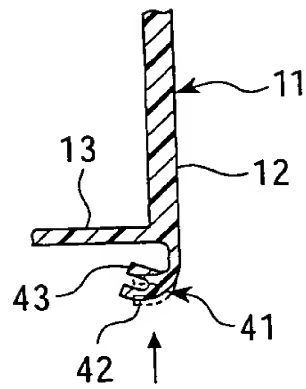


FIG. 8B

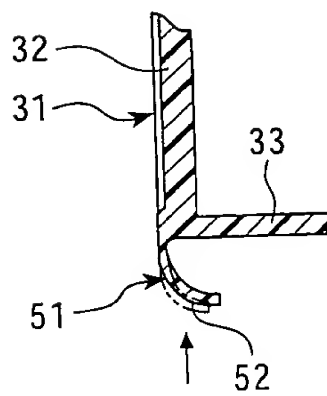


FIG. 9A

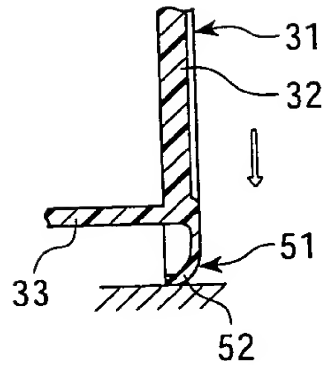


FIG. 9B

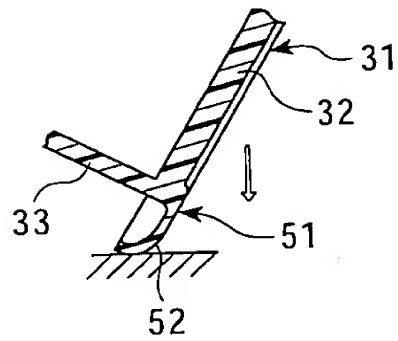


FIG. 9C

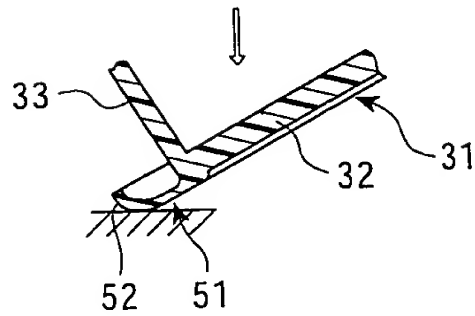


FIG. 9A



FIG. 10

FIG. 10 is a perspective view of a rectangular frame assembly 10. The assembly includes a top frame 31, a bottom frame 12, and a central panel 32. The top frame 31 is secured to the bottom frame 12 by four screws 34. The central panel 32 is positioned between the frames. The assembly is shown with a side view 61 and a front view 62. The side view 61 shows the thickness of the frames and the central panel. The front view 62 shows the outer edges of the frames and the central panel. The assembly is labeled with various reference numerals: 10, 31, 32, 33, 34, 61, 62, 11, 12, and 21.

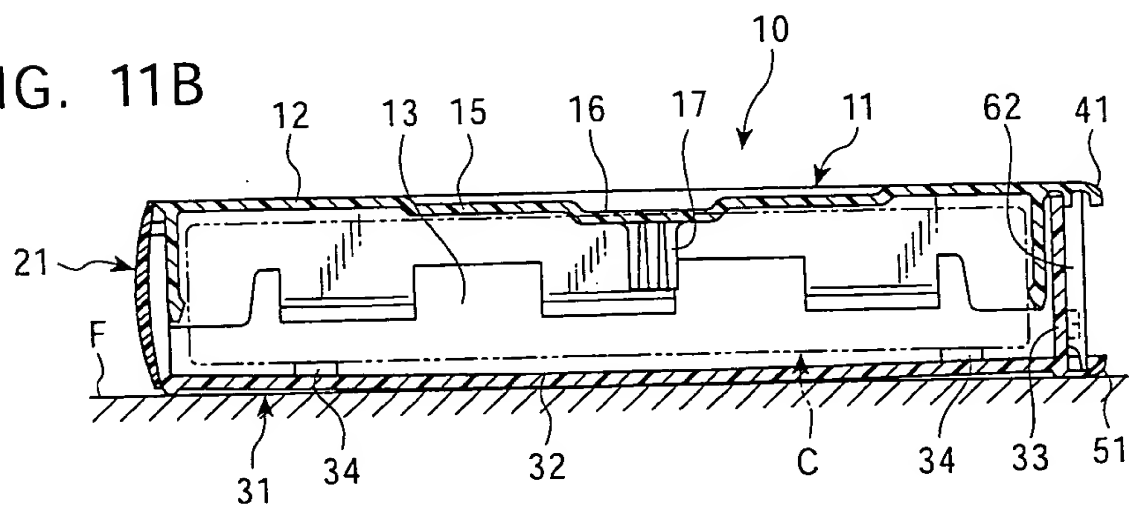
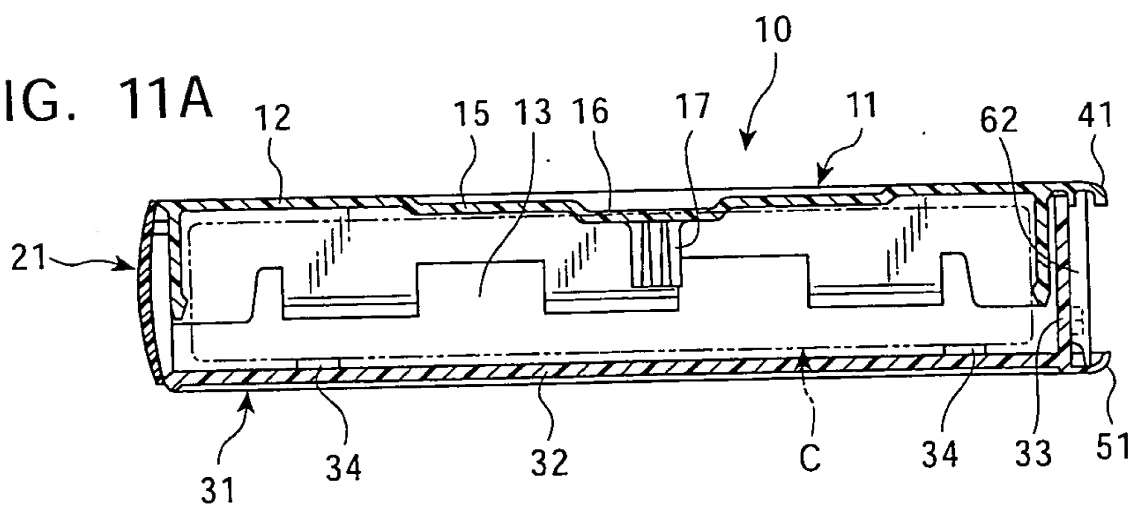
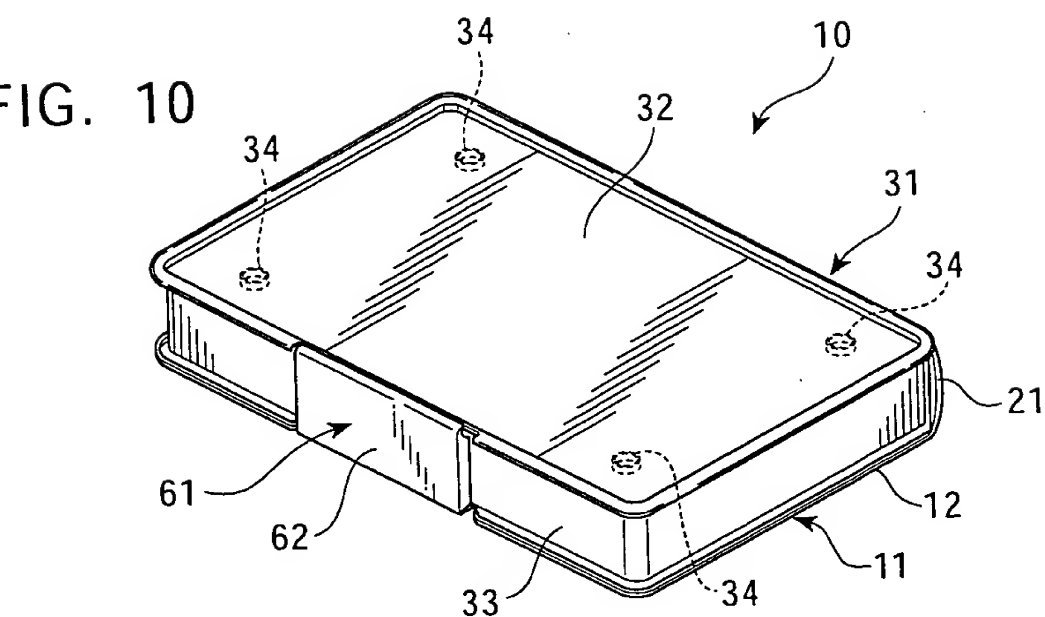




FIG. 13

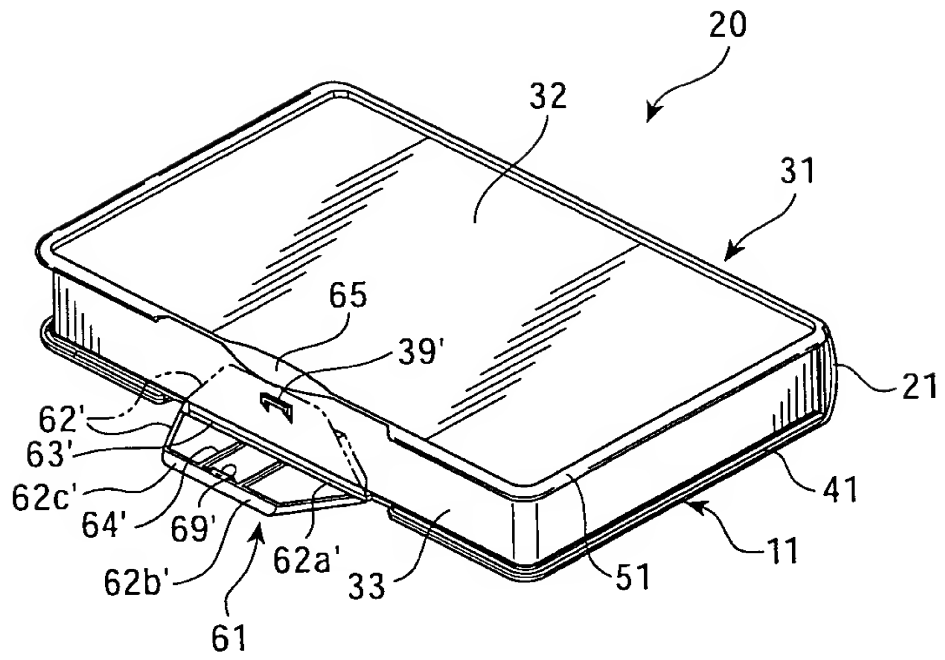




Fig. 1 is a cross-sectional view of a multi-layered structure 20. The structure is composed of three main layers: a top layer 12, a middle layer 15, and a bottom layer 16. Each layer contains a central core 13w and side regions 13x'. The layers are separated by interfaces 17' and 17. The structure is bounded by side walls 21 and 27. Other labels include 51, 28, 34, 31, 41, and A.

FIG. 17A

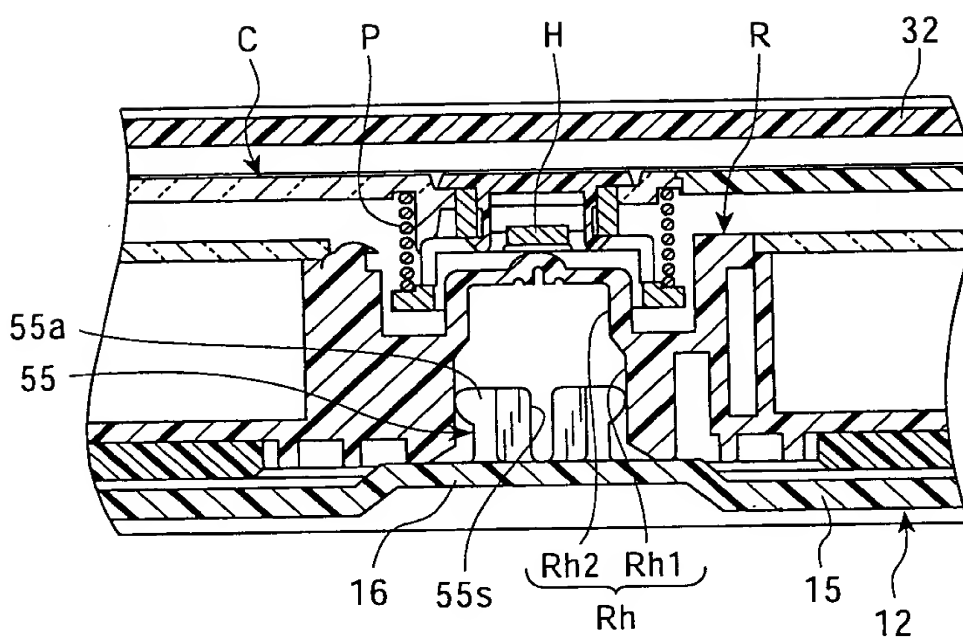


FIG. 17B

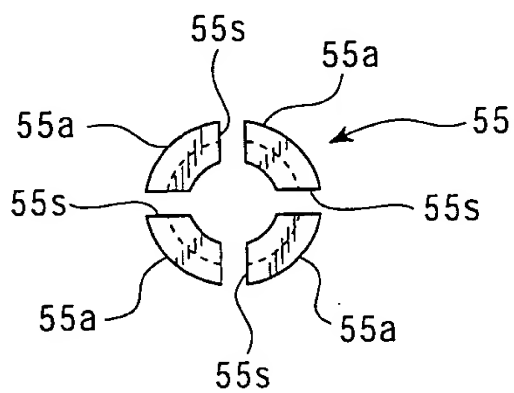


FIG. 18B

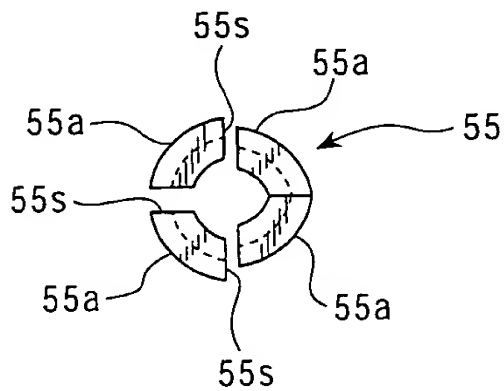


FIG. 19A

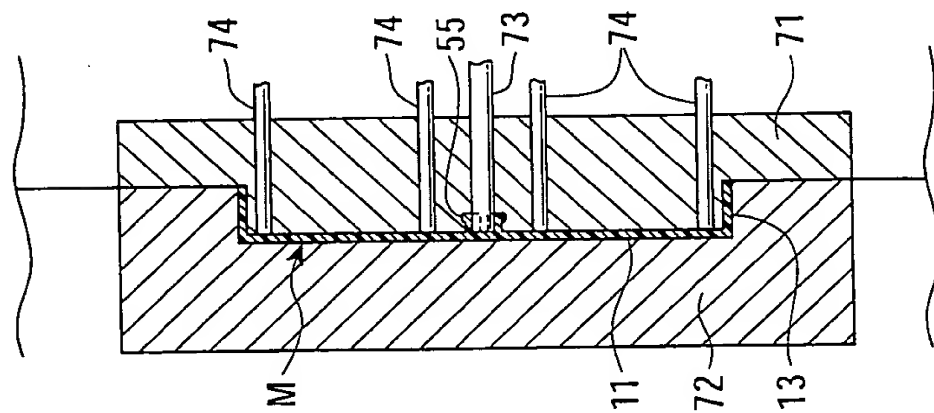


FIG. 19B

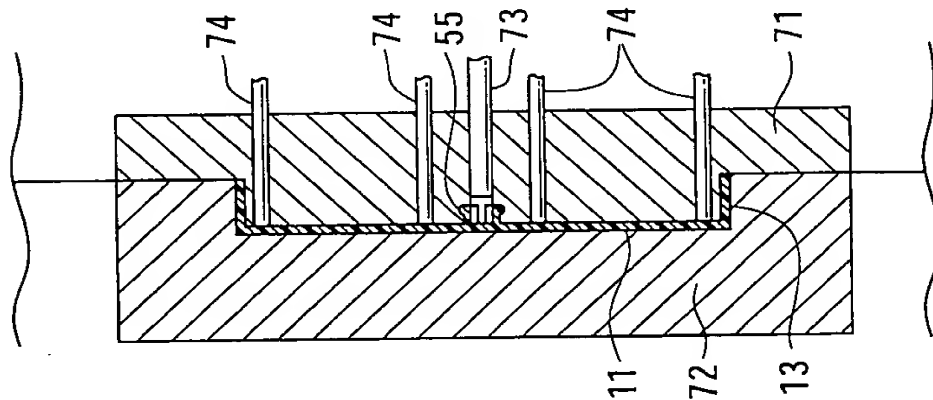


FIG. 19C

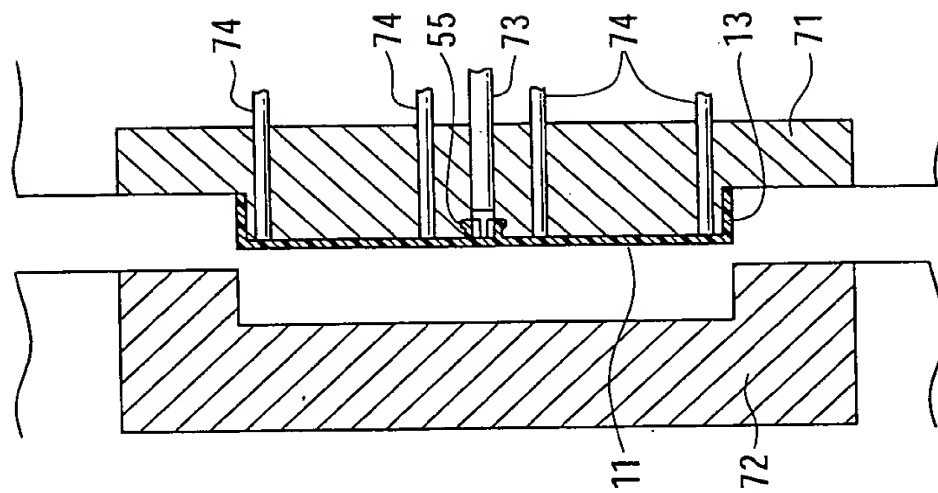




FIG. 20B

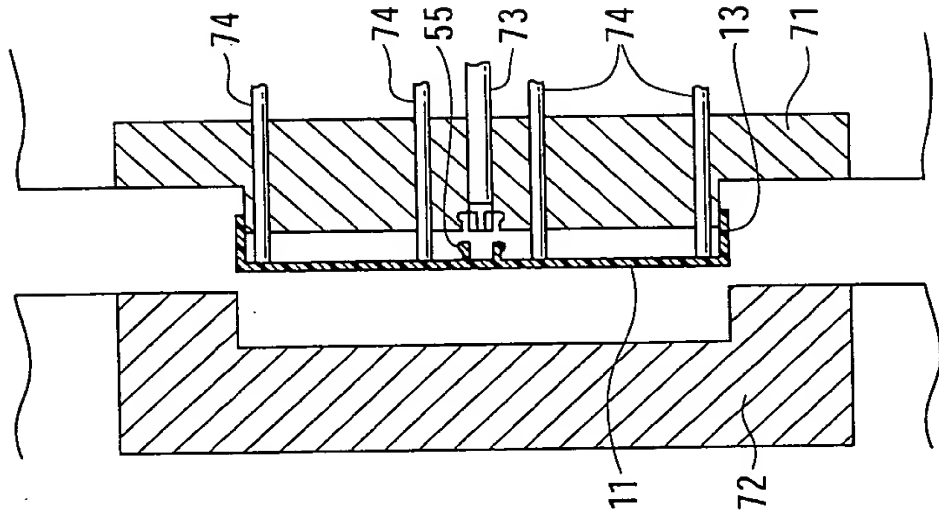


FIG. 20A

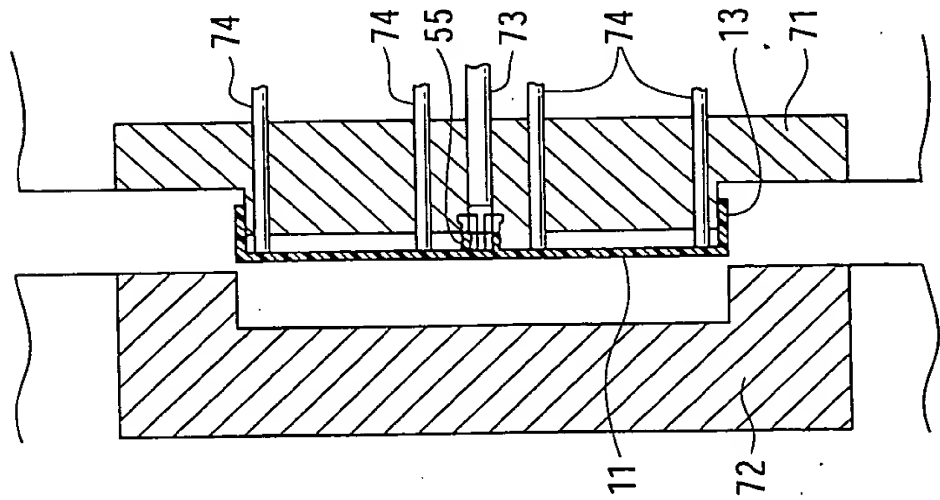


FIG. 21

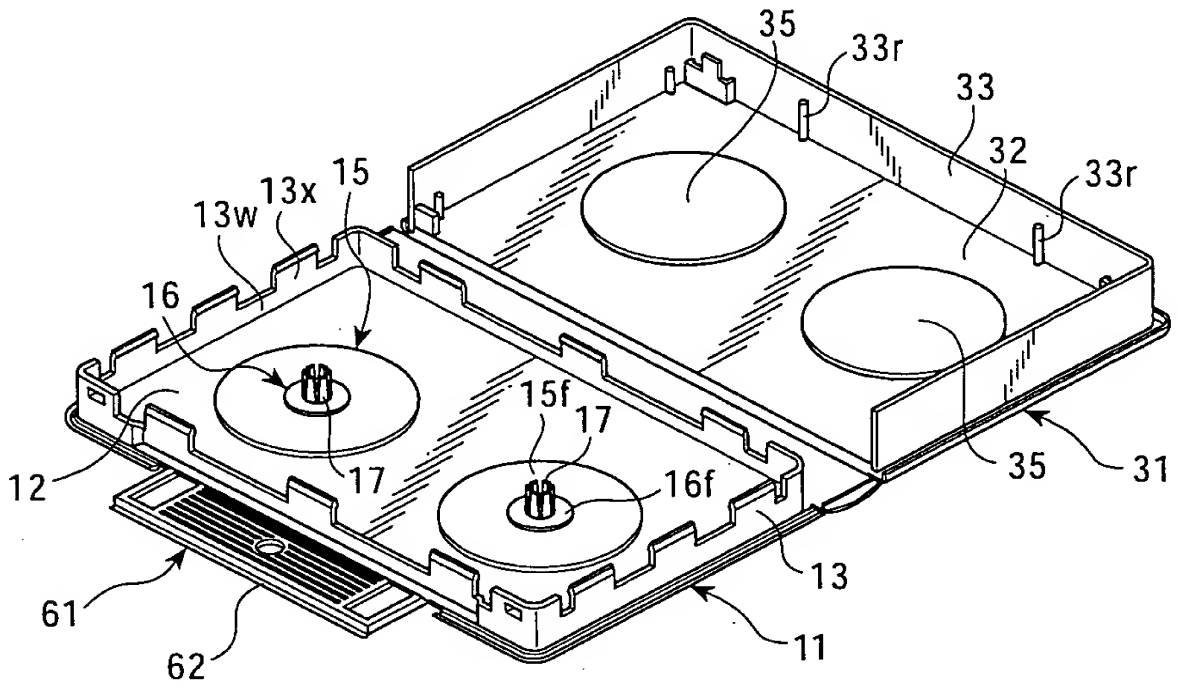


FIG. 22

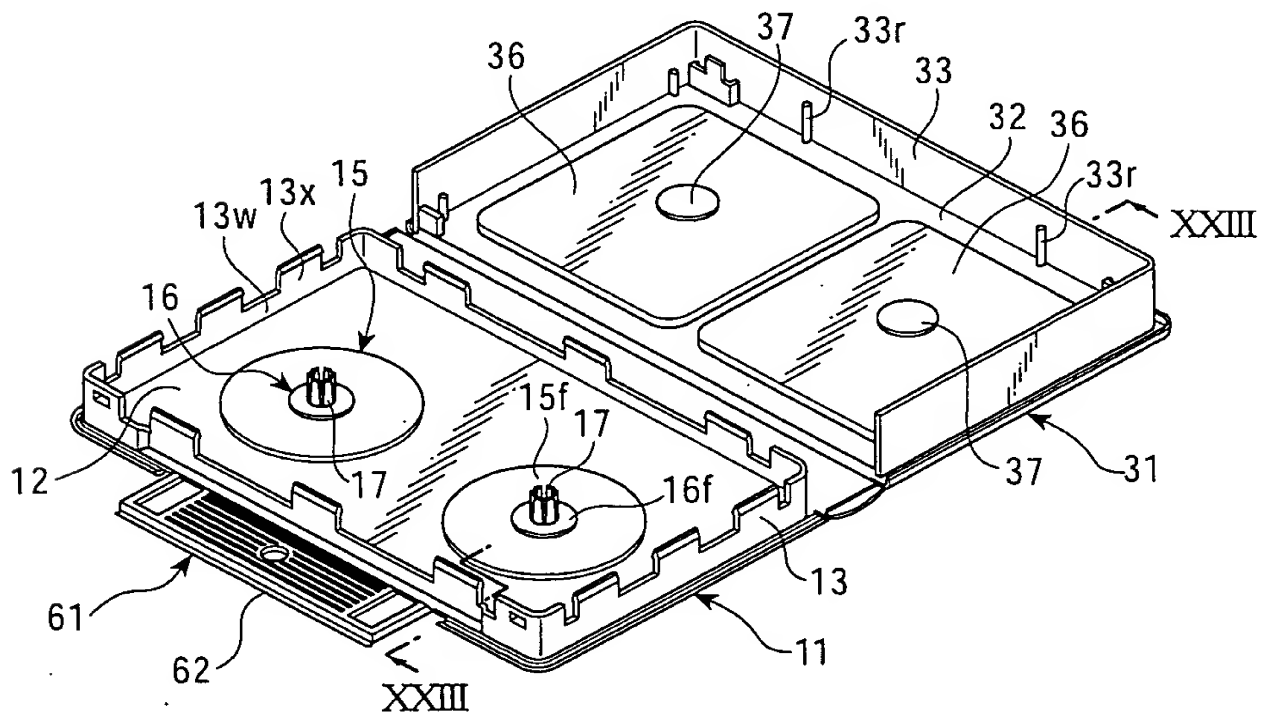


FIG. 23

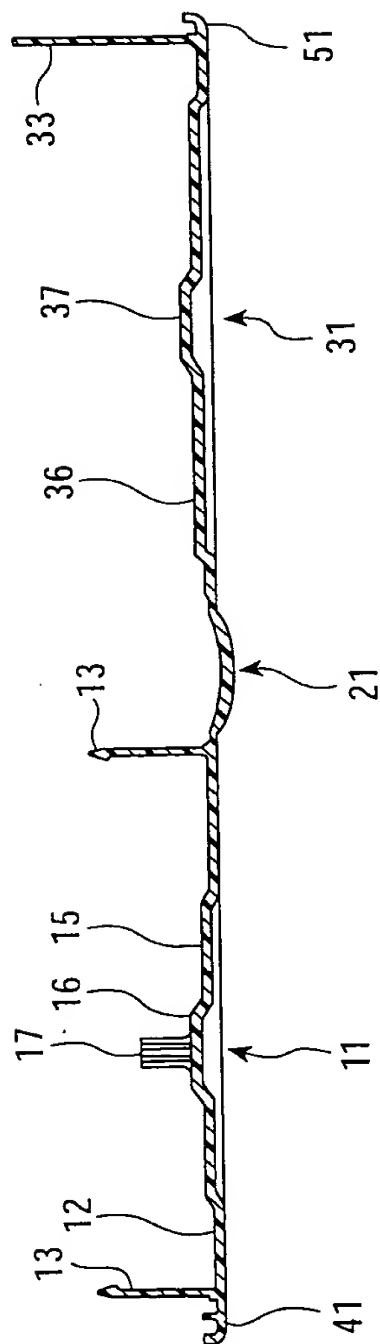




FIG. 25A

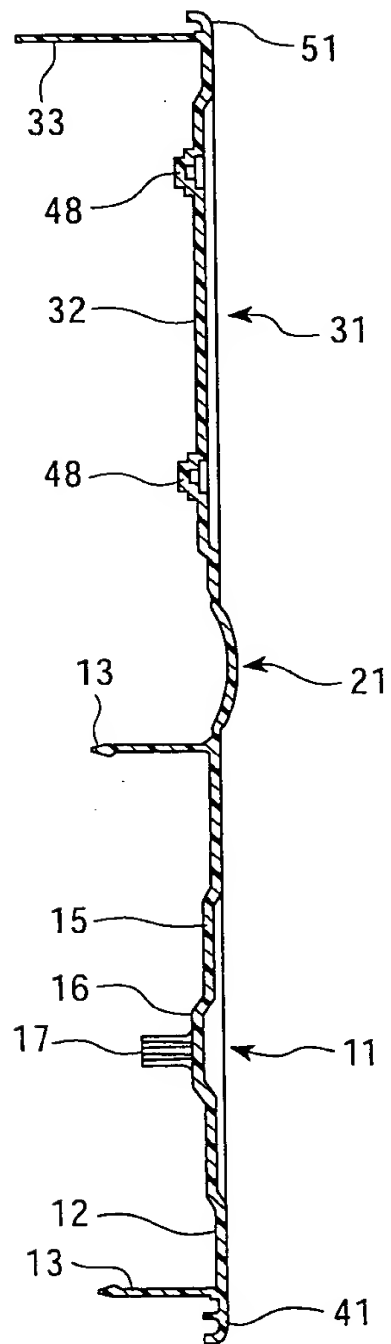


FIG. 25B

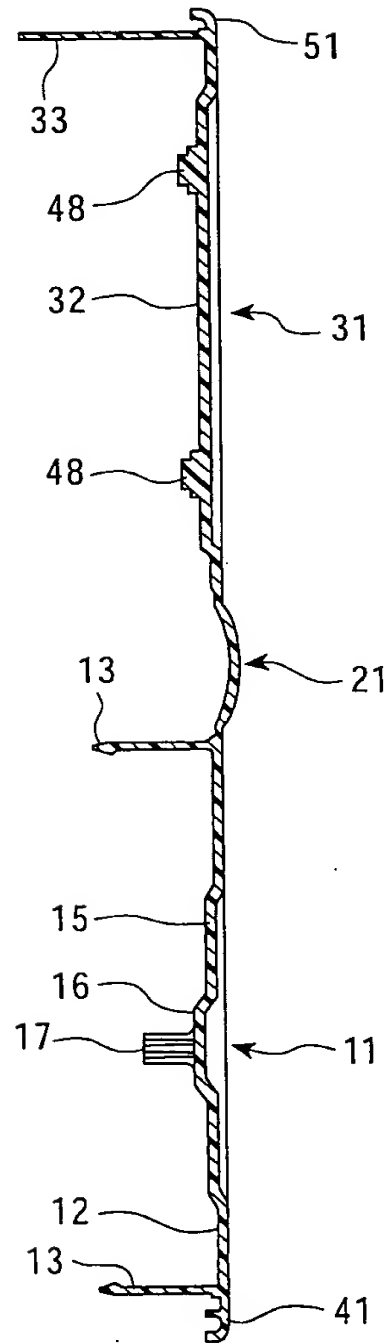


FIG. 26A

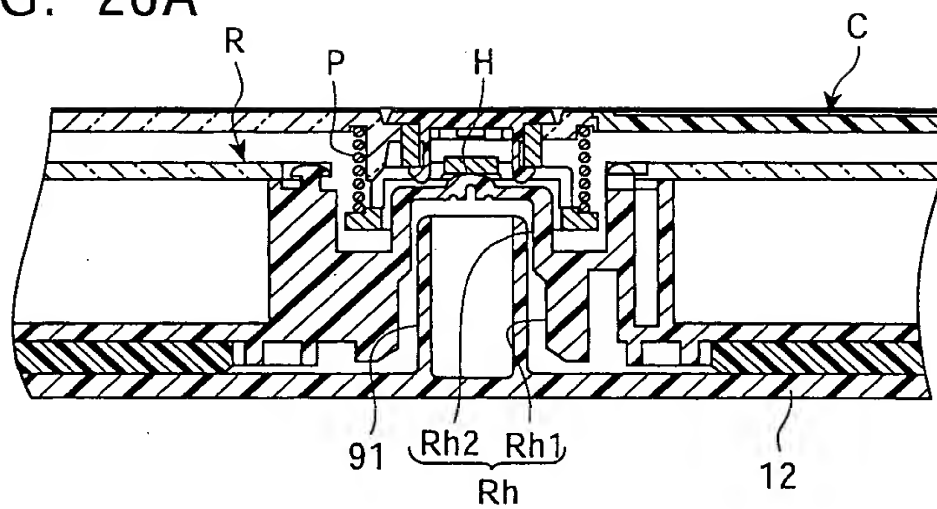


FIG. 26B

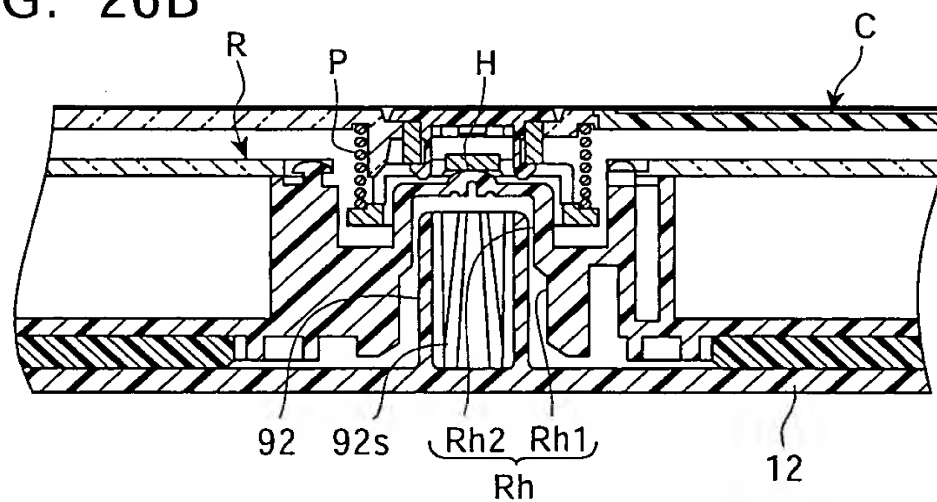


FIG. 26C

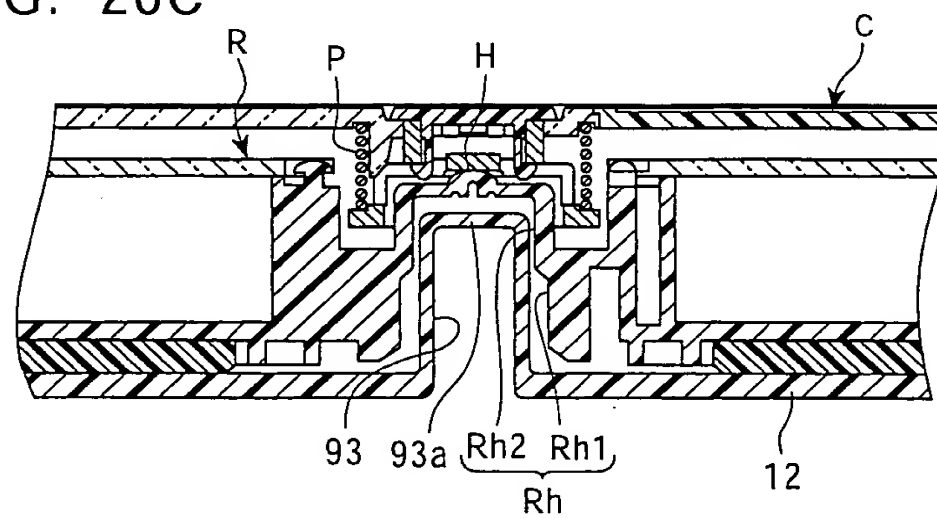


FIG. 27

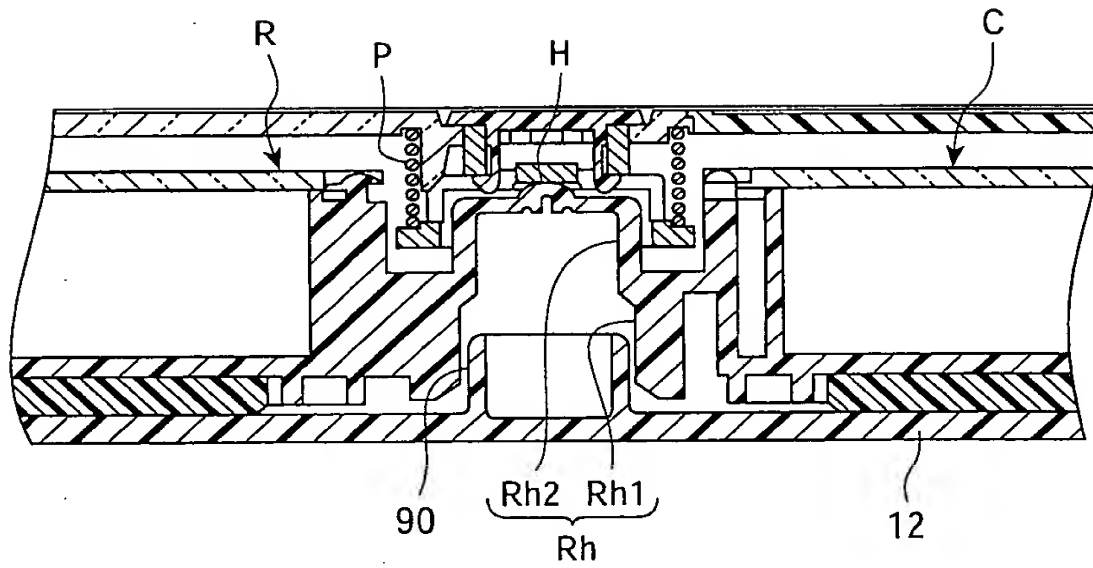


FIG. 28A

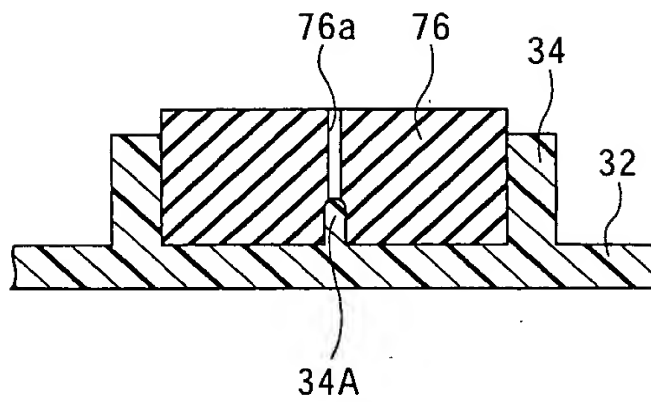


FIG. 28B

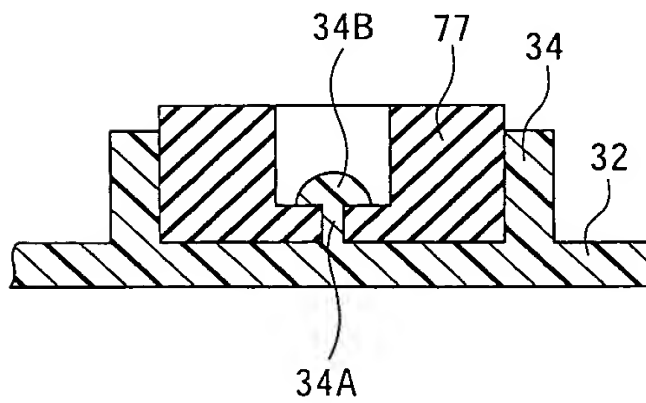




FIG. 29A

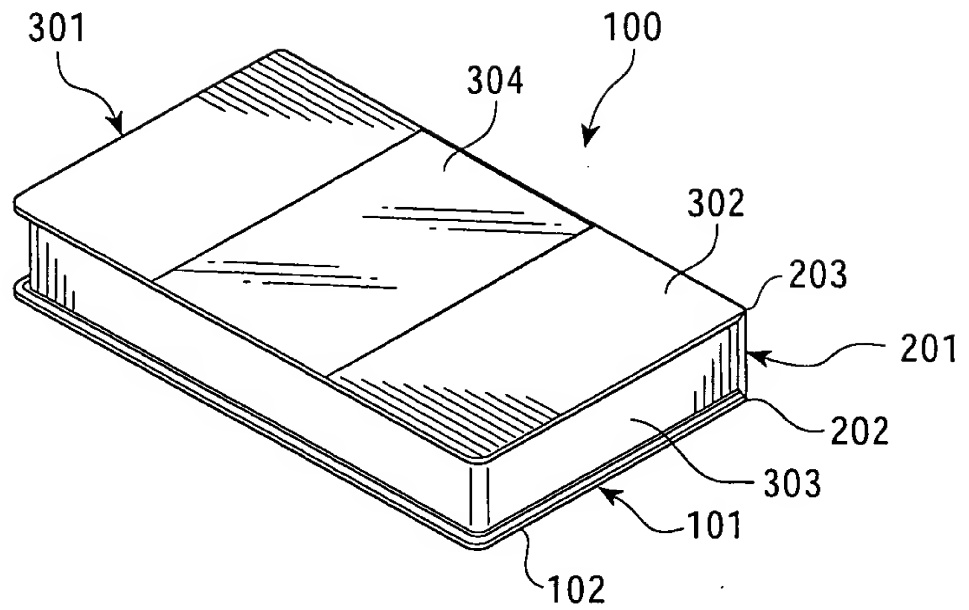


FIG. 29B

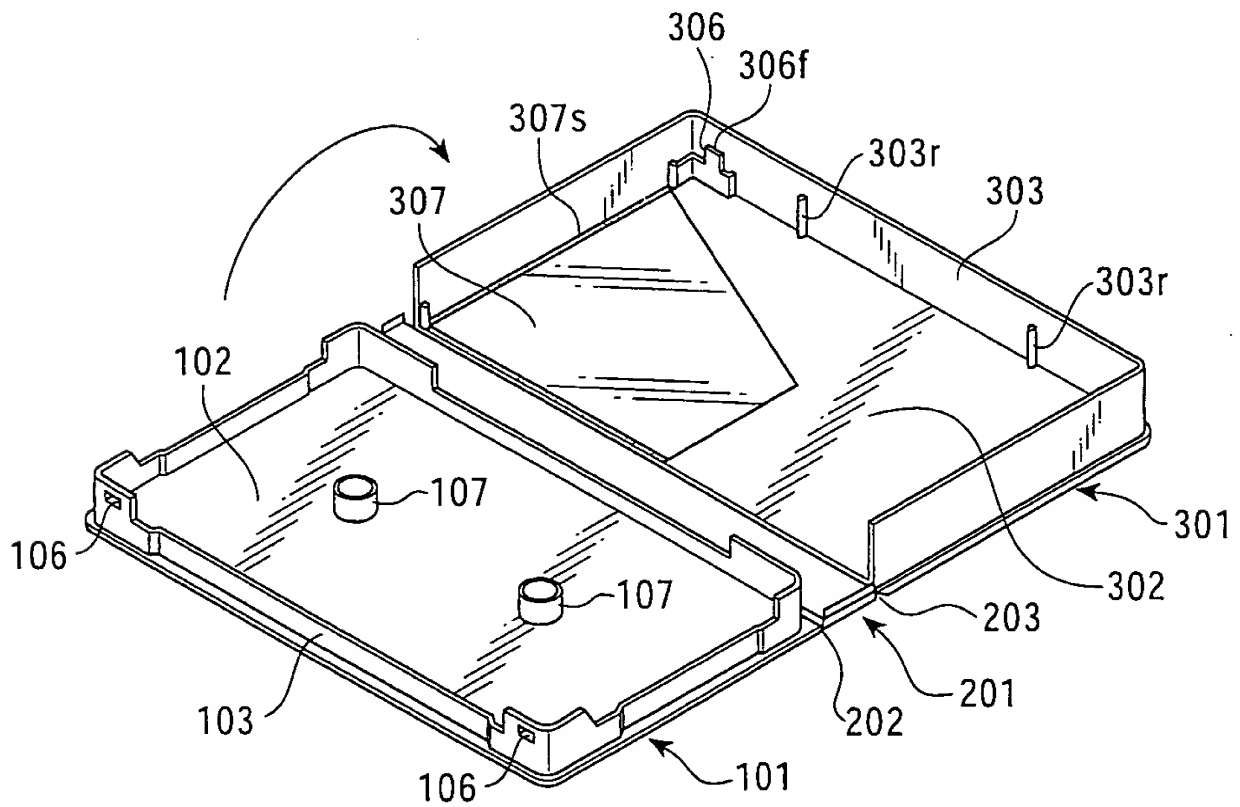


FIG. 30

